# Fall 2011 Levee Maintenance Deficiency Summary Report Overall LMA & Unit Ratings, including USACE Erosion Survey

#### Sacramento River Basin

| RD0010   | Overall LMA  | Total LMA                                       |  |   |                     |                     |
|--|--|---|--|---|---------------------|---------------------|
| Reclamation District No. 0010 Honcut   | Rating   | Miles   |  |   |                     |                     |
|  | U  | 21.93   |  |   |                     |                     |
|  |  |   |  |   |                     | chments             |
| Rated Item   | M Miles  | U Miles   | M + 4U Miles   | Threshold %   | PO Miles            | CO Miles            |
| Earthen Levee  | 25.04  |   | 25.04  | 402.000/  |                     |                     |
| Vegetation   | 35.94  |   | 35.94  | 163.89%   | 0.00                |                     |
| Encroachments  | 0.12   |   | 0.12   | 0.55%   | 0.08                |                     |
| Animal Control   | 0.11   |   | 0.11   | 0.50%   |                     |                     |
| Erosion / Bank Caving  | 0.01   |   | 0.01   | 0.05%   |                     |                     |
| Crown Surface / Depressions / Rutting  | 3.75   |   | 3.75   | 17.10%  | 2.22                | 2.22                |
| LMA Totals:  | 39.93  | 0.00  | 39.93  | 182.08%   | 80.0                | 0.00                |
| Unit No. 01 Simmerly Slough RB   | Overall Unit<br>Rating   | Total Unit<br>Miles                             |  |   |                     |                     |
| RD0010   | U  | 7.68  |  |   |                     |                     |
| Rated Item   | M Miles  | U Miles   | M + 4U Miles   | Threshold %   | Encroad<br>PO Miles | chments<br>CO Miles |
| Earthen Levee  | 40.00  |   | 40.00  | 450.050/  |                     |                     |
| Vegetation   | 12.23  |   | 12.23  | 159.25%   | 0.07                |                     |
| Encroachments  | 0.40   |   | 0.40   | 00.000/   | 0.07                |                     |
| Crown Surface / Depressions / Rutting  | 2.18   |   | 2.18   | 28.39%  |                     | 2.22                |
| Unit Totals:   | 14.41  | 0.00  | 14.41  | 187.63%   | 0.07                | 0.00                |
|  |  |   |  |   |                     |                     |
| Unit No. 02 Feather River LB   | Overall Unit<br>Rating   | Total Unit<br>Miles                             |  |   |                     |                     |
| Unit No. 02 Feather River LB   |  |   |  |   |                     |                     |
| RD0010   | Rating   | Miles 11.24                                     |  |   |                     | chments             |
| RD0010 Rated Item  | Rating   | Miles   | M + 4U Miles   | Threshold %   | Encroad<br>PO Miles |                     |
| RD0010  Rated Item  Earthen Levee  | Rating U M Miles   | Miles 11.24                                     |  |   |                     |                     |
| RD0010  Rated Item  Earthen Levee  Vegetation  | M Miles  | Miles 11.24                                     | 17.94  | 159.61%   | PO Miles            |                     |
| RD0010  Rated Item  Earthen Levee  Vegetation Encroachments  | M Miles  17.94 0.07  | Miles 11.24                                     | 17.94<br>0.07  | 159.61%<br>0.62%  |                     |                     |
| RD0010  Rated Item  Earthen Levee  Vegetation Encroachments Animal Control   | M Miles  17.94 0.07 0.08   | Miles<br>11.24<br>U Miles                       | 17.94<br>0.07<br>0.08  | 159.61%<br>0.62%<br>0.71%   | PO Miles  0.01      | CO Miles            |
| RD0010  Rated Item  Earthen Levee  Vegetation Encroachments  | M Miles  17.94 0.07  | Miles 11.24                                     | 17.94<br>0.07  | 159.61%<br>0.62%  | PO Miles            |                     |
| RD0010  Rated Item  Earthen Levee  Vegetation Encroachments Animal Control   | M Miles  17.94 0.07 0.08   | Miles<br>11.24<br>U Miles                       | 17.94<br>0.07<br>0.08  | 159.61%<br>0.62%<br>0.71%   | PO Miles  0.01      | CO Miles            |
| RD0010  Rated Item  Earthen Levee  Vegetation Encroachments Animal Control Unit Totals:  | Rating U M Miles  17.94 0.07 0.08 18.09  Overall Unit  | Miles 11.24 U Miles  0.00 Total Unit            | 17.94<br>0.07<br>0.08  | 159.61%<br>0.62%<br>0.71%   | PO Miles  0.01      | CO Miles            |
| RD0010  Rated Item  Earthen Levee  Vegetation Encroachments Animal Control Unit Totals:  Unit No. 03 Honcut Creek LB  RD0010   | Rating   U   M Miles   17.94   0.07   0.08   18.09   Overall Unit Rating   U   | Miles 11.24 U Miles  0.00 Total Unit Miles 3.01 | 17.94<br>0.07<br>0.08<br>18.09   | 159.61%<br>0.62%<br>0.71%<br>160.94%                                    | 0.01 0.01 Encroac   | 0.00                |
| RD0010  Rated Item  Earthen Levee  Vegetation Encroachments Animal Control Unit Totals:  Unit No. 03 Honcut Creek LB  RD0010  Rated Item   | Rating   U   M Miles   17.94   0.07   0.08   18.09   Overall Unit Rating   Rating   U   U   Rating   U   U   C   C   C   C   C   C   C   C | Miles 11.24 U Miles  0.00 Total Unit Miles      | 17.94<br>0.07<br>0.08  | 159.61%<br>0.62%<br>0.71%   | 0.01<br>0.01        | 0.00                |
| RD0010  Rated Item  Earthen Levee  Vegetation Encroachments Animal Control Unit Totals:  Unit No. 03 Honcut Creek LB  RD0010  Rated Item  Earthen Levee  | Rating U M Miles  17.94 0.07 0.08 18.09  Overall Unit Rating U M Miles   | Miles 11.24 U Miles  0.00 Total Unit Miles 3.01 | 17.94<br>0.07<br>0.08<br>18.09<br>M + 4U Miles                                 | 159.61%<br>0.62%<br>0.71%<br>160.94%                                    | 0.01 0.01 Encroac   | 0.00                |
| RD0010  Rated Item  Earthen Levee  Vegetation Encroachments Animal Control Unit Totals:  Unit No. 03 Honcut Creek LB  RD0010  Rated Item  Earthen Levee  Vegetation  | Rating  U  M Miles  17.94 0.07 0.08 18.09  Overall Unit Rating U  M Miles  5.77  | Miles 11.24 U Miles  0.00 Total Unit Miles 3.01 | 17.94<br>0.07<br>0.08<br>18.09<br>M + 4U Miles                                 | 159.61%<br>0.62%<br>0.71%<br>160.94%<br>Threshold %                     | 0.01 0.01 Encroac   | 0.00                |
| RD0010  Rated Item  Earthen Levee  Vegetation Encroachments Animal Control Unit Totals:  Unit No. 03 Honcut Creek LB  RD0010  Rated Item  Earthen Levee Vegetation Encroachments                                       | Rating  U  M Miles  17.94 0.07 0.08 18.09  Overall Unit Rating U  M Miles  5.77 0.05   | Miles 11.24 U Miles  0.00 Total Unit Miles 3.01 | 17.94<br>0.07<br>0.08<br>18.09<br>M + 4U Miles<br>5.77<br>0.05                 | 159.61%<br>0.62%<br>0.71%<br>160.94%<br>Threshold %<br>191.69%<br>1.66% | 0.01 0.01 Encroac   | 0.00                |
| RD0010  Rated Item  Earthen Levee  Vegetation Encroachments Animal Control Unit Totals:  Unit No. 03 Honcut Creek LB  RD0010  Rated Item  Earthen Levee  Vegetation Encroachments Animal Control                       | Rating  U  M Miles  17.94  0.07  0.08  18.09  Overall Unit Rating  U  M Miles  5.77  0.05  0.03  | Miles 11.24 U Miles  0.00 Total Unit Miles 3.01 | 17.94<br>0.07<br>0.08<br>18.09<br>M + 4U Miles<br>5.77<br>0.05<br>0.03         | 159.61% 0.62% 0.71% 160.94%  Threshold % 191.69% 1.66% 1.00%            | 0.01 0.01 Encroac   | 0.00                |
| RD0010  Rated Item  Earthen Levee  Vegetation Encroachments Animal Control Unit Totals:  Unit No. 03 Honcut Creek LB  RD0010  Rated Item  Earthen Levee  Vegetation Encroachments Animal Control Erosion / Bank Caving | Rating  U  M Miles  17.94 0.07 0.08 18.09  Overall Unit Rating U  M Miles  5.77 0.05 0.03 0.01   | Miles 11.24 U Miles  0.00 Total Unit Miles 3.01 | 17.94<br>0.07<br>0.08<br>18.09<br>M + 4U Miles<br>5.77<br>0.05<br>0.03<br>0.01 | 159.61% 0.62% 0.71% 160.94%  Threshold % 191.69% 1.66% 1.00% 0.33%      | 0.01 0.01 Encroac   | 0.00                |
| RD0010  Rated Item  Earthen Levee  Vegetation Encroachments Animal Control Unit Totals:  Unit No. 03 Honcut Creek LB  RD0010  Rated Item  Earthen Levee  Vegetation Encroachments Animal Control                       | Rating  U  M Miles  17.94  0.07  0.08  18.09  Overall Unit Rating  U  M Miles  5.77  0.05  0.03  | Miles 11.24 U Miles  0.00 Total Unit Miles 3.01 | 17.94<br>0.07<br>0.08<br>18.09<br>M + 4U Miles<br>5.77<br>0.05<br>0.03         | 159.61% 0.62% 0.71% 160.94%  Threshold % 191.69% 1.66% 1.00%            | 0.01 0.01 Encroac   | 0.00                |

# **LMA District Cover Sheet**

### Fall 2011 Levee Inspection Results

|   | Spring<br>(March - May) | Summer **<br>(June - August) | Fall (September - November) | Winter ** (December - February) |  |  |  |  |
|---|-------------------------|------------------------------|-----------------------------|---------------------------------|--|--|--|--|
| * Overall LMA Rating (Fall Only)  |                         |                              | U                           |                                 |  |  |  |  |
| ** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.   |                         |                              |                             |                                 |  |  |  |  |
| * SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.  FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. |                         |                              |                             |                                 |  |  |  |  |
| Comments  |                         |                              |                             |                                 |  |  |  |  |
|   |                         |                              |                             |                                 |  |  |  |  |
|   |                         |                              |                             |                                 |  |  |  |  |
|   |                         |                              |                             |                                 |  |  |  |  |

### **Unit Cover Sheet**

### Fall 2011 Levee Inspection Results

|  | Bank  | Unit Miles                |                                |                              |      |  |  |  |
|--|---|---------------------------|--------------------------------|------------------------------|------|--|--|--|
|  | Unit No. 01 Sim   | merly Slough              |                                | Right                        | 7.68 |  |  |  |
|  | Spring<br>(March - May)   | Summer<br>(June - August) | (September - November)<br>Fall | Winter<br>(December - Februa |      |  |  |  |
| Unit Maintenance Rating (Fall Only)  |   |                           | U                              |                              |      |  |  |  |
| Date of Inspection   | 5/26/2011 - 5/26/2011   |                           | 11/9/2011 - 11/9/2011          |                              |      |  |  |  |
| DWR Inspector  | Clay Thomas   |                           | Clay Thomas                    |                              |      |  |  |  |
| Accompanied By   | Finlay Williams   |                           | Finlay Williams                |                              |      |  |  |  |
| project components conditions other tha  | vinter (or summer) inspection p<br>identified in the attached Leve<br>n the results of our normal mai | ee Inspection Report by   | Mile. We have found no change  | ges in flo                   |      |  |  |  |
| deficiencies identified in the enclosed report.  During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.  (In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition). |   |                           |                                |                              |      |  |  |  |
| Comments   |   |                           |                                |                              |      |  |  |  |
| One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to:  DWR Summer/Winter Inspection Reports  3310 El Camino Avenue, Suite 200  Sacramento, CA 95821-9000   |   |                           |                                |                              |      |  |  |  |
|  |   |                           |                                |                              |      |  |  |  |
|  |   |                           |                                |                              |      |  |  |  |
|  |   |                           |                                |                              |      |  |  |  |
|  |   |                           |                                |                              |      |  |  |  |
|  |   |                           |                                |                              |      |  |  |  |
|  |   |                           |                                |                              |      |  |  |  |
|  |   |                           |                                |                              |      |  |  |  |
|  |   |                           |                                |                              |      |  |  |  |
| X Signature of LMA Repres  | sentative   |                           | Date                           |                              |      |  |  |  |

## Levee Inspection Report By Mile - Fall 2011

# **Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection<br>Start/End  | Inspector      |
|-----------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 Simmerly Slough | Right | 7.68       | 11/09/2011<br>11/09/2011 | Clay<br>Thomas |

| LMR | Levee | Mile | 0-4              | 14  | Location | Rating   | Astina (Octoor and   | GPS Latitude/Longitude                                 | Issue<br>No. |
|-----|-------|------|------------------|---|----------|----------|--|--|--------------|
| No. | Start | End  | Category         | Item  | ation    | *<br>ing | Action/Comment   | Start End  | Photo        |
| 1   | 0.01  | 0.57 | Earthen<br>Levee | Vegetation                                  | LS       | М        | Remove the wild growth other than native grasses from the levee slopes.                            | 39.163687 ° 39.162077 ° -121.609830 ° -121.599594 °    |              |
| 2   | 0.01  | 0.57 | Earthen<br>Levee | Vegetation                                  | WS       | М        | Remove the wild growth other than native grasses from the levee slopes.                            | 39.163687 ° 39.162078 ° -121.609831 ° -121.599593 °    |              |
| 3   | 0.56  | 1.35 | Earthen<br>Levee | Vegetation                                  | WS       | Α        | Remove the wild growth other than native grasses from the levee slopes.                            | 39.162156 ° 39.168704 ° -121.599841 ° -121.590599 °    |              |
| 4   | 0.57  | 1.35 | Earthen<br>Levee | Vegetation                                  | LS       | Α        | Remove the wild growth other than native grasses from the levee slopes.                            | 39.162077 ° 39.168705 ° -121.599593 ° -121.590601 °    |              |
| 5   | 0.70  | 0.70 | Earthen<br>Levee | Trim / Thin<br>Trees                        | LS       | W        | Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: saplings | 39.161297 ° 39.161297 °<br>-121.597434 ° -121.597434 ° |              |
| 6   | 1.28  | 1.35 | Earthen<br>Levee | Encroachments                               | LS       | РО       | Fences   | 39.167977 ° 39.168704 ° -121.591637 ° -121.590598 °    |              |
| 7   | 1.35  | 1.35 | Earthen<br>Levee | Trim / Thin<br>Trees                        | LS       | W        | Thin trees to allow visibility of the ground and room to flood fight.                              | 39.168704 ° 39.168704 ° -121.590601 ° -121.590601 °    |              |
| 8   | 1.40  | 7.54 | Earthen<br>Levee | Vegetation                                  | LS       | М        | Remove the wild growth other than native grasses from the levee slopes.                            | 39.168951 ° 39.254174 ° -121.589851 ° -121.575139 °    |              |
| 9   | 1.40  | 6.05 | Earthen<br>Levee | Vegetation                                  | WS       | М        | Remove the wild growth other than native grasses from the levee slopes.                            | 39.168952 ° 39.232867 ° -121.589851 ° -121.577887 °    |              |
| 10  | 1.41  | 3.59 | Earthen<br>Levee | Crown Surface /<br>Depressions /<br>Rutting | CR       | М        | Keep the crown roadway free of vegetation.   | 39.169028 ° 39.197548 ° -121.589645 ° -121.582274 °    |              |
| 11  | 7.22  | 7.54 | Earthen<br>Levee | Vegetation                                  | WS       | М        | Remove the wild growth other than native grasses from the levee slopes.                            | 39.249639 ° 39.254174 °<br>-121.575692 ° -121.575138 ° |              |

\* Location

LS : Land Side WS : Water Side CR : Crown \*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor N : Not Inspected, see Inspector Comment

## Levee Inspection Report By Mile - Fall 2011

# **Reclamation District No. 0010 Honcut**

| Waterway                    | Bank  | Unit Miles | Inspection<br>Start/End  | Inspector      |
|-----------------------------|-------|------------|--------------------------|----------------|
| Unit No. 01 Simmerly Slough | Right | 7.68       | 11/09/2011<br>11/09/2011 | Clay<br>Thomas |

| Levee Mile Report Line | 1             |
|------------------------|---------------|
| Start Levee Mile       | 0.01          |
| End Levee Mile         | 0.57          |
| Location               | Land Side     |
| Category               | Earthen Levee |
| Item                   | Vegetation    |
|                        |               |

This photo shows the landside vegetation at levee mile 1.35.

cathom\_f\_20111130\_997.jpg

| Levee Mile Report Line | 2             |
|------------------------|---------------|
| Start Levee Mile       | 0.01          |
| End Levee Mile         | 0.57          |
| Location               | Water Side    |
| Category               | Earthen Levee |
| Item                   | Vegetation    |

This photo shows the waterside vegetation at levee mile 1.35.

cathom\_f\_20111130\_998.jpg

| 7                 |
|-------------------|
| 1.35              |
| 1.35              |
| Land Side         |
| Earthen Levee     |
| Trim / Thin Trees |
|                   |

This photo shows the trees on the slope near the stairs at levee mile 1.35.

cathom\_f\_20111130\_999.jpg







| * 1 | ocation |
|-----|---------|

LS: Land Side

WS : Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor

N : Not Inspected, see Inspector Comment

### **Unit Cover Sheet**

## Fall 2011 Levee Inspection Results

# **Reclamation District No. 0010 Honcut**

|  | Water   | way  |   | Bank   | Unit Miles                       |  |  |  |
|--|---|--|---|--|----------------------------------|--|--|--|
|  | Unit No. 02 Fe  | eather River   |   | Left   | 11.24                            |  |  |  |
|  | Spring<br>(March - May)   | Summer<br>(June - August)  | (September - November)<br>Fall  | Winter<br>(December - February                                   |                                  |  |  |  |
| Unit Maintenance Rating<br>(Fall Only)   |   |  | U   |  |                                  |  |  |  |
| Date of Inspection   | 5/26/2011 - 5/26/2011   |  | 11/9/2011 - 11/9/2011   |  |                                  |  |  |  |
| DWR Inspector  | Clay Thomas   |  | Clay Thomas   |  |                                  |  |  |  |
| Accompanied By   | Finlay Williams   |  | Finlay Williams   |  |                                  |  |  |  |
| project components conditions other that deficiencies identifies  During the current w project components maintenance and the following changes in (In the comment see   | vinter (or summer) inspection p<br>identified in the attached Leven<br>the results of our normal mai<br>and in the enclosed report.<br>vinter (or summer) inspection p<br>identified in the attached Leven<br>e corrections we have made to<br>a flood project conditions.<br>ction below or on additional shan<br>n (Land Side, Water Side, or C | ee Inspection Report by intenance and the corresponding of the correspon | Mile. We have found no change ctions we have made to maint e inspected the levee and asso Mile. In addition to the results cies identified in the report, we of condition by: Start to End Le | ges in florenance ociated florenance have for have for evee Mile | ood project  ood  ormal  und the |  |  |  |
| Comments  One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to:  DWR Summer/Winter Inspection Reports  3310 El Camino Avenue, Suite 200  Sacramento, CA 95821-9000 |   |  |   |  |                                  |  |  |  |
|  |   |  |   |  |                                  |  |  |  |
|  |   |  |   |  |                                  |  |  |  |
|  |   |  |   |  |                                  |  |  |  |
|  |   |  |   |  |                                  |  |  |  |
|  |   |  |   |  |                                  |  |  |  |
|  |   |  |   |  |                                  |  |  |  |
|  |   |  |   |  |                                  |  |  |  |
|  |   |  |   |  |                                  |  |  |  |

X

Signature of LMA Representative

Date

## Levee Inspection Report By Mile - Fall 2011

# **Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection<br>Start/End  | Inspector      |
|---------------------------|------|------------|--------------------------|----------------|
| Unit No. 02 Feather River | Left | 11.24      | 11/09/2011<br>11/09/2011 | Clay<br>Thomas |

| LMR No. | Levee | Mile<br>End | Category                                    | Item                          | Location | Rating | Action/Comment  | GPS Latitude/Longitude Start End                    | Issue<br>No.<br>Photo |
|---------|-------|-------------|---|-------------------------------|----------|--------|---|---|-----------------------|
| 1       | 0.03  | 6.70        | Earthen<br>Levee                            | Vegetation                    | LS       | М      | Remove the wild growth other than native grasses from the levee slopes.                           | 39.164076 ° 39.257362 ° -121.610073 ° -121.618135 ° | 1<br>Y                |
| 2       | 0.03  | 0.03        | Earthen<br>Levee                            | Animal Control                | LS       | М      | Exterminate rodents and backfill and compact or grout burrows.                                    | 39.164076 ° 39.164076 ° -121.610074 °               | 5<br>Y                |
| 3       | 0.03  | 6.70        | Earthen<br>Levee                            | Vegetation                    | WS       | М      | Remove the wild growth other than native grasses from the levee slopes.                           | 39.164076 ° 39.257362 ° -121.610074 ° -121.618135 ° | 2<br>Y                |
| 4       | 0.32  | 0.32        | Earthen<br>Levee                            | Animal Control                | LS       | М      | Repair the levee slope damaged by livestock and prevent large animal access.                      | 39.168247 ° 39.168247 ° -121.610611 ° -121.610611 ° | 6                     |
| 5       | 0.50  | 0.50        | Earthen<br>Levee                            | Trim / Thin<br>Trees          | LS       | Α      | Thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: saplins | 39.170882 ° 39.170882 ° -121.610368 ° -121.610368 ° | 7                     |
| 6       | 0.66  | 0.66        | Earthen<br>Levee                            | Encroachments                 | LS       | М      | Debris  | 39.173110 ° 39.173110 ° -121.609946 ° -121.609946 ° | 8                     |
| 7       | 1.10  | 1.10        | Earthen<br>Levee                            | Animal Control                | WS       | М      | Exterminate rodents and backfill and compact or grout burrows.                                    | 39.179519 ° 39.179519 ° -121.610006 °               | 10                    |
| 8       | 1.35  | 1.35        | Earthen<br>Levee                            | Encroachments                 | LS       | РО     | Landscaping   | 39.182957 ° 39.182957 ° -121.609800 ° -121.609800 ° | 9                     |
| 9       | 2.99  | 2.99        | Earthen<br>Levee                            | Encroachments                 | LS       | М      | Debris  | 39.206547 ° 39.206547 ° -121.609762 ° -121.609762 ° | 11                    |
| 10      | 3.61  | 3.61        | Earthen<br>Levee                            | Encroachments                 | WS       | М      | Debris  | 39.215363 ° 39.215363 ° -121.610760 ° -121.610760 ° | 12                    |
| 11      | 3.63  | 3.63        | Interior<br>Drainage &<br>Piping<br>Systems | Culverts: Inlets /<br>Outlets | WS       | С      |   | 39.215593 ° 39.215593 ° -121.610806 °               | 13                    |
| 12      | 6.21  | 6.21        | Earthen<br>Levee                            | Animal Control                | LS       | М      | Exterminate rodents and backfill and compact or grout burrows.                                    | 39.251297 ° 39.251297 ° -121.619161 ° -121.619161 ° | 14                    |
| 13      | 6.21  | 6.21        | Earthen<br>Levee                            | Animal Control                | WS       | М      | Exterminate rodents and backfill and compact or grout burrows.                                    | 39.251297 ° 39.251297 ° -121.619161 ° -121.619161 ° | 15                    |
| 14      | 6.61  | 6.61        | Earthen<br>Levee                            | Animal Control                | LS       | М      | Exterminate rodents and backfill and compact or grout burrows.                                    | 39.256365 ° 39.256365 ° -121.619088 °               | 16                    |
| 15      | 7.78  | 7.78        | Earthen<br>Levee                            | Encroachments                 | LS       | М      | Debris  | 39.271606 ° 39.271606 ° -121.611506 °               | 17                    |
| 16      | 7.89  | 7.89        | Earthen<br>Levee                            | Animal Control                | LS       | М      | Exterminate rodents and backfill and compact or grout burrows.                                    | 39.272395 ° 39.272395 ° -121.613148 °               | 18                    |
| 17      | 9.08  | 11.19       | Earthen<br>Levee                            | Vegetation                    | LS       | М      | Remove the wild growth other than native grasses from the levee slopes.                           | 39.282657 ° 39.307064 ° -121.600181 ° -121.617290 ° | 19                    |

| Location | * | Location |
|----------|---|----------|
|----------|---|----------|

LS : Land Side

WS : Water Side CR : Crown \* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor N : Not Inspected, see Inspector Comment

## Levee Inspection Report By Mile - Fall 2011

| Waterway                  | Bank | Unit Miles | Inspection<br>Start/End  | Inspector      |
|---------------------------|------|------------|--------------------------|----------------|
| Unit No. 02 Feather River | Left | 11.24      | 11/09/2011<br>11/09/2011 | Clay<br>Thomas |

| LMR |       |       | Catagory         | Category Item  |          | Rating | Action/Comment  | GPS Latitud                  | GPS Latitude/Longitude       |        |  |
|-----|-------|-------|------------------|----------------|----------|--------|---|------------------------------|------------------------------|--------|--|
| No. | Start | End   | Category         | пеш            | Location | ing    | Action/Comment  | Start                        | End                          | Photo  |  |
| 18  | 9.08  | 11.19 | Earthen<br>Levee | Vegetation     | WS       | М      | Remove the wild growth other than native grasses from the levee slopes. | 39.282657 °<br>-121.600181 ° | 39.307064 °<br>-121.617290 ° | 20     |  |
| 19  | 9.30  | 9.30  | Earthen<br>Levee | Encroachments  | LS       | М      | Prunings  | 39.285883 ° -121.600353 ° -  | 39.285883 °<br>-121.600353 ° | 3<br>Y |  |
| 20  | 9.47  | 9.47  | Earthen<br>Levee | Vegetation     | LS       | M      | Remove the wild growth other than native grasses from the levee slopes. | 39.288262 °<br>-121.600738 ° | 39.288262 °<br>-121.600738 ° | 21     |  |
| 21  | 10.74 | 11.11 | Earthen<br>Levee | Vegetation     | WS       | M      | Remove the wild growth other than native grasses from the levee slopes. | 39.300812 °<br>-121.617528 ° | 39.305892 °<br>-121.617715 ° | 23     |  |
| 22  | 10.82 | 10.82 | Earthen<br>Levee | Encroachments  | LS       | М      | Debris  | 39.302082 °<br>-121.617758 ° | 39.302082 °<br>-121.617758 ° | 22     |  |
| 23  | 11.04 | 11.04 | Earthen<br>Levee | Animal Control | LS       | M      | Exterminate rodents and backfill and compact or grout burrows.          | 39.305181 °<br>-121.617974 ° | 39.305181 °<br>-121.617974 ° | 24     |  |
| 24  | 11.08 | 11.08 | Earthen<br>Levee | Encroachments  | LS       | М      | Prunings  | 39.305498 °<br>-121.617885 ° | 39.305498 °<br>-121.617885 ° | 25     |  |

## Levee Inspection Report By Mile - Fall 2011

# **Reclamation District No. 0010 Honcut**

| Waterway                  | Bank | Unit Miles | Inspection<br>Start/End  | Inspector      |
|---------------------------|------|------------|--------------------------|----------------|
| Unit No. 02 Feather River | Left | 11.24      | 11/09/2011<br>11/09/2011 | Clay<br>Thomas |

| Levee Mile Report Line | 1             |
|------------------------|---------------|
| Start Levee Mile       | 0.03          |
| End Levee Mile         | 6.70          |
| Location               | Land Side     |
| Category               | Earthen Levee |
| Item                   | Vegetation    |
| T1: 1 1 1 1 1          | 1 . 1         |

This photo shows the landside vegetation at levee mile 0.03.

cathom\_f\_20111130\_000.jpg

| Levee Mile Report Line | 2              |
|------------------------|----------------|
| Start Levee Mile       | 0.03           |
| End Levee Mile         | 0.03           |
| Location               | Land Side      |
| Category               | Earthen Levee  |
| Item                   | Animal Control |
|                        |                |

Rodent burrows at levee mile 0.03.

cathom\_f\_20111130\_001.jpg

| Levee Mile Report Line | 3             |
|------------------------|---------------|
| Start Levee Mile       | 0.03          |
| End Levee Mile         | 6.70          |
| Location               | Water Side    |
| Category               | Earthen Levee |
| Item                   | Vegetation    |
|                        |               |

This photo shows the waterside vegetation at levee mile 0.03.

cathom\_f\_20111130\_002.jpg







| * | Location |
|---|----------|
|---|----------|

LS : Land Side

WS : Water Side CR : Crown \* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO: Partially Obstructing
CO: Completely Obstructing
W: Watch/Monitor

N : Not Inspected, see Inspector Comment

## Levee Inspection Report By Mile - Fall 2011

| Waterway                  | Bank | Unit Miles | Inspection<br>Start/End  | Inspector      |
|---------------------------|------|------------|--------------------------|----------------|
| Unit No. 02 Feather River | Left | 11.24      | 11/09/2011<br>11/09/2011 | Clay<br>Thomas |

| Levee Mile Report Line     | 10            |  |  |  |  |  |
|----------------------------|---------------|--|--|--|--|--|
| Levee Mille Report Line    | 19            |  |  |  |  |  |
| Start Levee Mile           | 9.30          |  |  |  |  |  |
| End Levee Mile             | 9.30          |  |  |  |  |  |
| Location                   | Land Side     |  |  |  |  |  |
| Category                   | Earthen Levee |  |  |  |  |  |
| Item                       | Encroachments |  |  |  |  |  |
| Land side levee mile 9.30. |               |  |  |  |  |  |
| cathom_f_20110929_059.jpg  |               |  |  |  |  |  |
|                            |               |  |  |  |  |  |



### **Unit Cover Sheet**

## Fall 2011 Levee Inspection Results

# **Reclamation District No. 0010 Honcut**

|   | Bank   | Unit Miles                |                                |                                |      |  |  |  |  |  |  |
|---|--|---------------------------|--------------------------------|--------------------------------|------|--|--|--|--|--|--|
|   | Unit No. 03 Ho   | oncut Creek               |                                | Left                           | 3.01 |  |  |  |  |  |  |
|   |  |                           |                                |                                |      |  |  |  |  |  |  |
|   | Spring<br>(March - May)  | Summer<br>(June - August) | (September - November)<br>Fall | Winter<br>(December - February |      |  |  |  |  |  |  |
| Unit Maintenance Rating (Fall Only)   |  |                           | U                              |                                |      |  |  |  |  |  |  |
| Date of Inspection  | 5/26/2011 - 5/26/2011  |                           | 11/9/2011 - 11/9/2011          |                                |      |  |  |  |  |  |  |
| DWR Inspector   | Clay Thomas  |                           | Clay Thomas                    |                                |      |  |  |  |  |  |  |
| Accompanied By  | Finlay Williams  |                           | Finlay Williams                |                                |      |  |  |  |  |  |  |
| Check one:  |  |                           |                                |                                |      |  |  |  |  |  |  |
| project components conditions other that deficiencies identified.  During the current with project components maintenance and the | <ul> <li>During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.</li> <li>During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the</li> </ul> |                           |                                |                                |      |  |  |  |  |  |  |
| (In the comment see   | n flood project conditions.<br>ction below or on additional sh<br>n (Land Side, Water Side, or C   |                           |                                |                                |      |  |  |  |  |  |  |
| Comments  |  |                           |                                |                                |      |  |  |  |  |  |  |
| information must also be s<br>DWR with any additional s   | One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to:  DWR Summer/Winter Inspection Reports 3310 El Camino Avenue, Suite 200 Sacramento, CA 95821-9000   |                           |                                |                                |      |  |  |  |  |  |  |
|   |  |                           |                                |                                |      |  |  |  |  |  |  |
|   |  |                           |                                |                                |      |  |  |  |  |  |  |
|   |  |                           |                                |                                |      |  |  |  |  |  |  |
|   |  |                           |                                |                                |      |  |  |  |  |  |  |
|   |  |                           |                                |                                |      |  |  |  |  |  |  |
|   |  |                           |                                |                                |      |  |  |  |  |  |  |
|   |  |                           |                                |                                |      |  |  |  |  |  |  |
|   |  |                           |                                |                                |      |  |  |  |  |  |  |

Date

Signature of LMA Representative

## Levee Inspection Report By Mile - Fall 2011

# **Reclamation District No. 0010 Honcut**

| Waterway                 | Bank | Unit Miles | Inspection<br>Start/End  | Inspector      |
|--------------------------|------|------------|--------------------------|----------------|
| Unit No. 03 Honcut Creek | Left | 3.01       | 11/09/2011<br>11/09/2011 | Clay<br>Thomas |

| LMR | Levee | Mile | Category         | Item  | Location | Rating | Action/Comment  | GPS Latitude/Longitude                              | Issue<br>No. |
|-----|-------|------|------------------|---|----------|--------|---|---|--------------|
| No. | Start | End  | Category         | itom  | tion     | ng     | Action/Johnnen  | Start End   | Photo        |
| 1   | 0.02  | 2.90 | Earthen<br>Levee | Vegetation                                  | LS       | М      | Remove the wild growth other than native grasses from the levee slopes. | 39.308300 ° 39.298900 ° -121.616990 ° -121.571000 ° |              |
| 2   | 0.02  | 2.90 | Earthen<br>Levee | Vegetation                                  | WS       | М      | Remove the wild growth other than native grasses from the levee slopes. | 39.308030 ° 39.298900 ° -121.616990 ° -121.571000 ° |              |
| 3   | 0.09  | 1.45 | Earthen<br>Levee | Vegetation                                  | LS       | С      | Remove the wild growth other than native grasses from the levee slopes. | 39.309010 ° 39.306115 ° -121.616796 ° -121.594210 ° |              |
| 4   | 0.09  | 1.47 | Earthen<br>Levee | Vegetation                                  | WS       | С      | Remove the wild growth other than native grasses from the levee slopes. | 39.309010 ° 39.305879 ° -121.616796 ° -121.593919 ° |              |
| 5   | 0.09  | 0.09 | Earthen<br>Levee | Encroachments                               | LS       | M      | Debris  | 39.309012 ° 39.309012 ° -121.616797 °               |              |
| 6   | 0.94  | 0.94 | Earthen<br>Levee | Encroachments                               | LS       | М      | Debris  | 39.309205 ° 39.309205 ° -121.602488 ° -121.602488 ° |              |
| 7   | 1.26  | 1.26 | Earthen<br>Levee | Encroachments                               | LS       | М      | Debris  | 39.307055 ° 39.307055 ° -121.597327 ° -121.597327 ° |              |
| 8   | 1.39  | 1.39 | Earthen<br>Levee | Encroachments                               | LS       | М      | Debris  | 39.306431 ° 39.306431 ° -121.595058 ° -121.595058 ° |              |
| 9   | 1.41  | 2.98 | Earthen<br>Levee | Crown Surface /<br>Depressions /<br>Rutting | CR       | M      | Regrade the crown roadway for proper drainage.                          | 39.306389 ° 39.298639 ° -121.570248 °               |              |
| 10  | 1.44  | 1.44 | Earthen<br>Levee | Animal Control                              | LS       | М      | Exterminate rodents and backfill and compact or grout burrows.          | 39.306185 ° 39.306185 ° -121.594326 ° -121.594326 ° |              |
| 11  | 1.48  | 1.48 | Earthen<br>Levee | Erosion / Bank<br>Caving                    | LS       | М      | Schedule repair of erosion site prior to the next inspection.           | 39.305793 ° 39.305793 ° -121.593846 ° -121.593846 ° |              |
| 12  | 1.68  | 1.68 | Earthen<br>Levee | Encroachments                               | WS       | M      | Debris  | 39.303751 ° 39.303751 ° -121.591416 ° -121.591416 ° |              |
| 13  | 1.90  | 1.90 | Earthen<br>Levee | Animal Control                              | WS       | М      | Exterminate rodents and backfill and compact or grout burrows.          | 39.303200 ° 39.303200 ° -121.587759 ° -121.587759 ° |              |
| 14  | 2.25  | 2.25 | Earthen<br>Levee | Animal Control                              | LS       | M      | Exterminate rodents and backfill and compact or grout burrows.          | 39.303420 ° 39.303420 ° -121.581565 ° -121.581565 ° |              |
| 15  | 2.81  | 2.81 | Earthen<br>Levee | Vegetation                                  | WS       | М      | Remove the wild growth other than native grasses from the levee slopes. | 39.299653 ° 39.299653 ° -121.573072 °               |              |

| * | Loc | atic | n |    |  |
|---|-----|------|---|----|--|
|   |     |      |   | ٠. |  |

LS : Land Side WS : Water Side CR : Crown \*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing CO : Completely Obstructing W : Watch/Monitor N : Not Inspected, see Inspector Comment

## Levee Inspection Report By Mile - Fall 2011

# **Reclamation District No. 0010 Honcut**

| Waterway                 | Bank | Unit Miles | Inspection<br>Start/End  | Inspector      |
|--------------------------|------|------------|--------------------------|----------------|
| Unit No. 03 Honcut Creek | Left | 3.01       | 11/09/2011<br>11/09/2011 | Clay<br>Thomas |

| Levee Mile Report Line                            | 1             |  |  |  |
|---|---------------|--|--|--|
| Start Levee Mile                                  | 0.02          |  |  |  |
| End Levee Mile                                    | 2.90          |  |  |  |
| Location  | Land Side     |  |  |  |
| Category  | Earthen Levee |  |  |  |
| Item  | Vegetation    |  |  |  |
| This photo shows the landside vegetation at levee |               |  |  |  |

This photo shows the landside vegetation at levee mile 0.02.

cathom\_f\_20111201\_004.jpg

| Levee Mile Report Line | 2             |
|------------------------|---------------|
| Start Levee Mile       | 0.02          |
| End Levee Mile         | 2.90          |
| Location               | Water Side    |
| Category               | Earthen Levee |
| Item                   | Vegetation    |

This photo shows the waterside vegetation at levee mile 0.02.

cathom\_f\_20111201\_003.jpg



